American Petroleum Institute
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Weekly Statistical Bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
Vol: 75 No: 39

For Week Ending: September 30, 1994

U.S. REFINERY OPERATIONS

(Daily Averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Processing Units	Input to Crude Oil Distillation Units	Operable Capacity	Percent Operated
East Coast	1,553	1,350	1,351	1,448	93.3
Appal. No. 1	105	105	105	105	100.0
PADD 1 TOTAL	1,658	1,455	1,456	1,553	93.8
Week Ago	1,652	1,491	1,501	1,553	96.7
Year Ago	1,617	1,431	1,462	1,551	94.3
IN, IL, KY	2,259	2,151	2,230	2,276	98.0
MN, WI, ND, SD	283	283	283	378	74.9
OK, KS, MO	712	684	684	684	100.0
PADD 2 TOTAL	3,254	3,118	3,197	3,338	95.8
Week Ago	3,346	3,159	3,243	3,338	97.2
Year Ago	3,249	3,155	3,208	3,421	93.8
Inland TX	605	562	563	572	98.4
TX Gulf Coast	3,476	3,038	3,038	3,293	92.3
LA Gulf Coast	2,808	2,578	2,620	2,673	98.0
N. LA and AR	208	202	202	221	91.4
NM	115	92	92	95	96.8
PADD 3 TOTAL	7,212	6,472	6,515	6,854	95.1
Week Ago	7,199	6,476	6,514	6,854	95.0
Year Ago	7,033	6,205	6,346	6,758	93.9
PADD 4 TOTAL	511	484	491	510	96.3
Week Ago	504	489	494	510	96.9
Year Ago	500	468	472	519	90.9
PADD 5 TOTAL	2,811	2,543	2,587	2,920	88.6
Week Ago	2,619	2,419	2,454	2,920	84.0
Year Ago	2,666	2,613	2,631	2,896	90.8
U.S. TOTAL	15,446	14,072	14,246	15,175	93.9
Week Ago	15,320	14,034	14,206	15,175	93.6
Year Ago	15,065	13,872	14,119	15,145	93.2

See Definitonal Notes on Page 6.

U.S. REFINERY OUTPUT

(Daily Averages in thousands of 42-gallon barrels)

DISTRICT	Finished Motor Gasoline				Naphtha Jet Fuel	Kerosine Jet Fuel			Distillate Fuel			Residual Fuel
	Total	Finished Oxygen'd	Finished Reform'd	Other Finished		Total	Commerc'l Spec	Military Spec	Total	<=.05% sulfur	>.05% sulfur	
East Coast	723	218	—	505	2	42	42	—	470	121	349	114
Appal. No. 1	39	—	—	39	—	—	—	—	33	20	13	3
PADD 1 TOTAL	762	218	—	544	2	42	42	—	503	141	362	117
Week Ago	706	188	—	518	—	89	89	—	453	81	372	149
Year Ago	848	304	—	544	6	88	81	7	464	180	284	129
IN, IL, KY	1,208	390	—	818	11	139	139	—	509	304	205	50
MN, WI, ND, SD	128	50	—	78	—	18	18	—	65	49	16	10
OK, KS, MO	391	163	—	228	11	36	36	—	214	181	33	8
PADD 2 TOTAL	1,727	603	—	1,124	22	193	193	—	788	534	254	68
Week Ago	1,767	599	—	1,168	8	182	182	—	818	586	232	78
Year Ago	1,816	534	—	1,282	20	202	197	5	802	365	437	66
Inland TX	318	30	—	288	—	59	39	20	129	79	50	12
TX Gulf Coast	1,665	150	—	1,515	4	357	280	77	769	491	278	184
LA Gulf Coast	1,250	93	—	1,157	10	362	351	11	603	260	343	111
N. LA and AR	50	—	—	50	4	9	7	2	59	36	23	11
NM	54	—	—	54	3	9	—	9	20	20	—	1
PADD 3 TOTAL	3,337	273	—	3,064	21	796	677	119	1,580	886	694	319
Week Ago	3,333	288	—	3,045	24	764	641	123	1,502	809	693	365
Year Ago	3,195	338	—	2,857	39	682	604	78	1,377	640	737	334
PADD 4 TOTAL	255	10	—	245	5	28	28	—	133	119	14	6
Week Ago	237	10	—	227	2	26	26	—	128	118	10	7
Year Ago	206	10	—	196	8	19	19	—	139	63	76	10
PADD 5 TOTAL	1,372	595	—	777	—	369	351	18	487	380	107	246
Week Ago	1,317	379	—	938	5	360	318	42	449	368	81	179
Year Ago	1,355	458	—	897	7	332	285	47	426	226	200	249
U.S. TOTAL	7,453	1,699	—	5,754	50	1,428	1,291	137	3,491	2,060	1,431	756
Week Ago	7,360	1,464	—	5,896	39	1,421	1,256	165	3,350	1,962	1,388	778
Year Ago	7,420	1,644	—	5,776	80	1,323	1,186	137	3,208	1,474	1,734	788

See Definitional Notes on Page 6.

STOCKS OF SELECTED PRODUCTS
(in thousands of 42-gallon barrels)

DISTRICT	Motor Gasoline						Jet Fuel		Distillate Fuel			Residual Fuel	Unfinished Oils
		Finished Motor Gasoline											
	Total	Total Finished	Finished Oxygen'd	Finished Reform'd	Other Finished	Blending Components	Naphtha Type	Kerosine Type	Total	Sulfur <= .05%	Sulfur > .05%		
New England	5,424	5,424	324	—	5,100	—	—	1,102	14,156	2,543	11,613	2,191	—
Central Atlantic	26,439	22,515	5,040	—	17,475	3,924	43	5,888	38,514	11,716	26,798	13,192	8,656
Lower Atlantic	24,236	23,976	1,249	—	22,727	260	60	5,119	13,152	6,401	6,751	2,673	444
PADD 1 TOTAL	56,099	51,915	6,613	—	45,302	4,184	103	12,109	65,822	20,660	45,162	18,056	9,100
Week Ago	54,974	50,440	5,471	—	44,969	4,534	144	12,191	66,208	21,941	44,267	17,284	9,427
Year Ago	57,176	52,155	8,537	—	43,618	5,021	226	9,124	62,863	23,841	39,022	15,437	12,964
PADD 2 TOTAL	57,759	49,280	1,266	—	48,014	8,479	519	7,194	33,167	22,319	10,848	2,754	16,668
Week Ago	56,850	48,397	1,268	—	47,129	8,453	423	7,574	33,459	22,520	10,939	2,943	15,906
Year Ago	55,173	47,044	926	—	46,118	8,129	690	7,473	27,053	13,067	13,986	2,577	15,618
PADD 3 TOTAL	63,916	47,170	4,561	—	42,609	16,746	336	15,399	29,076	14,680	14,396	13,967	46,637
Week Ago	63,531	46,567	3,950	—	42,617	16,964	274	15,362	28,456	13,175	15,281	14,492	48,441
Year Ago	62,498	47,514	4,651	—	42,863	14,984	1,270	14,062	25,929	11,859	14,070	15,315	48,158
PADD 4 TOTAL	5,733	4,048	130	—	3,918	1,685	175	738	2,922	2,605	317	329	1,918
Week Ago	5,709	4,112	116	—	3,996	1,597	213	696	2,930	2,700	230	331	2,133
Year Ago	5,214	3,843	219	—	3,624	1,371	216	557	2,367	1,176	1,191	421	2,395
PADD 5 TOTAL	28,324	21,256	4,456	—	16,800	7,068	122	7,700	10,860	7,272	3,588	5,961	19,978
Week Ago	28,516	21,522	3,298	—	18,224	6,994	389	7,592	11,037	7,555	3,482	5,456	20,677
Year Ago	28,373	21,191	5,423	—	15,768	7,182	780	7,388	9,173	5,353	3,820	7,768	22,557
U.S. TOTAL	211,831	173,669	17,026	—	156,643	38,162	1,255	43,140	141,847	67,536	74,311	41,067	94,301
Week Ago	209,580	171,038	14,103	—	156,935	38,542	1,443	43,415	142,090	67,891	74,199	40,506	96,584
Year Ago	208,434	171,747	19,756	—	151,991	36,687	3,182	38,604	127,385	55,296	72,089	41,518	101,692

See Definitional Notes on Page 6.

PRODUCTION AND IMPORTS OF CRUDE OIL (INCLUDING LEASE CONDENSATE)

(daily averages in thousands of 42-gallon barrels)

DISTRICT	Estimated Crude Oil Production	Crude Oil Imports	
		Total	Canadian
PADDs 1-4			
Week Ended: September 30, 1994	4,149.0	7,087	754
Week Ended: September 23, 1994	4,149.0	6,772	842
Week Ended: September 16, 1994	4,149.0	7,869	808
Week Ended: October 1, 1993	4,314.0	6,295	901
DOE latest (05/94):	4,120.0		
PADD 5			
Week Ended: September 30, 1994	2,374.0	398	126
Week Ended: September 23, 1994	2,374.0	285	101
Week Ended: September 16, 1994	2,374.0	487	125
Week Ended: October 1, 1993	2,481.0	102	100
DOE latest (05/94):	2,508.0		
TOTAL U.S.			
Week Ended: September 30, 1994	6,523.0	7,485	880
Week Ended: September 23, 1994	6,523.0	7,057	943
Week Ended: September 16, 1994	6,523.0	8,356	933
Week Ended: October 1, 1993	6,795.0	6,397	1,001
DOE monthly - year ago	6,839.0		
DOE latest (05/94):	6,628.0		

CRUDE OIL STOCKS BY LOCATION

(in thousands of 42-gallon barrels)

	PADD 1	PADD 2	PADD 3	PADD 4	PADD 5		TOTAL
					TOTAL	ALASKAN IN TRANSIT BY WATER	
Current Week	14,669	70,651	169,660	10,335	67,163	16,135	332,478
Week Ago	16,709	69,631	165,870	10,468	65,347	17,616	328,025
Year Ago	14,145	75,043	164,684	11,297	63,687	15,577	328,856

Daily Average Crude Oil Supply Balance (in Thousands of 42-gallon barrels)	
Current Week:	809
1993 Average:	258
1993 Positive Average:	736
1993 Negative Average:	-597

See Definitional Notes on Page 6.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Motor Gasoline				Blending Components	Jet Fuel		Distillate Fuel			Residual Fuel	LPGs	Unfinished Oils	Other	Total
	Total	Finished Oxygen'd	Finished Reform'd	Other Finished		Naphtha Type	Kerosine Type	Total	Sulfur <= .05%	Sulfur > .05%					
New England	121	—	—	121	—	—	47	90	8	82	20	77	—	—	355
Central Atlantic	98	50	—	48	—	—	101	69	31	38	74	1	59	23	425
Lower Atlantic	154	—	—	154	—	—	23	11	10	1	—	—	—	64	252
PADD 1 TOTAL	373	50	—	323	—	—	171	170	49	121	94	78	59	87	1,032
week ago	290	14	—	276	21	—	52	167	86	81	233	5	79	83	930
4 Week averages															
avg - current 4 weeks	323	16	—	307	16	9	94	174	52	122	170	22	79	76	963
avg - year ago 4 weeks	203	—	—	203	29	7	43	153	67	86	343	19	78	70	945
PADDs 2-4 TOTAL	13	13	—	—	—	—	1	6	—	6	3	156	362	191	732
week ago	51	51	—	—	—	35	—	5	3	2	10	207	183	236	727
4 Week averages															
avg - current 4 weeks	19	16	—	3	—	9	—	5	2	3	8	185	328	210	764
avg - year ago 4 weeks	—	—	—	—	19	7	—	6	—	6	47	145	287	249	760
PADD 5 TOTAL	6	—	—	6	—	—	72	1	—	1	—	1	12	20	112
week ago	1	—	—	1	—	—	2	1	—	1	—	2	55	4	65
4 Week averages															
avg - current 4 weeks	3	—	—	3	—	—	20	1	—	1	—	1	45	13	83
avg - year ago 4 weeks	13	—	—	13	—	—	8	2	—	2	25	3	2	12	65
U.S. TOTAL	392	63	—	329	—	—	244	177	49	128	97	235	433	298	1,876
week ago	342	65	—	277	21	35	54	173	89	84	243	214	317	323	1,722
4 Week averages															
avg - current 4 weeks	345	32	—	313	16	17	115	180	54	126	178	208	452	298	1,809
avg - year ago 4 weeks	216	—	—	216	47	14	51	160	67	93	414	167	367	331	1,767

See Definitional Notes on Page 6.

DEFINITIONAL NOTES FOR API'S *WEEKLY STATISTICAL BULLETIN*

GENERAL NOTES

Data published in the *Weekly Statistical Bulletin* are estimates made by API's Finance, Accounting and Statistics Department, based on data collected from reporting companies.

Data are for the week ended 7 a.m. Friday. For purposes of monthly aggregation of imports and refinery activities, and for monthly interpolation of inventories, the API treats 7 a.m. Friday as midnight Thursday.

The *Bulletin* classifies U.S. territories (i.e. Puerto Rico, Virgin Islands, Guam etc.) as foreign entities.

Definitions used by the API throughout the *Weekly Statistical Bulletin* are the same as those used by the Energy Information Administration of the Department of Energy in their *Petroleum Supply Monthly* and *Petroleum Supply Annual* publications.

Data for the corresponding week of the last year are from the published *Bulletin* for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE/EIA's *Petroleum Supply Annual*.

NOTES ON INVENTORIES

Inventory figures published in this report are those held in primary storage (i.e., at refineries, bulk terminals and in pipelines). They represent API estimates of inventories available for current shipment as well as those not available, such as stocks held in tank bottoms, pipeline fill, and in other equipment to assure continuous operations.

Stocks of oxygenated, reformulated, and other gasoline represent *finished* motor gasoline located at refineries, bulk terminals and pipelines. Motor gasoline blending components (i.e. straight run gasolines, alkylate, and reformate) are categorized separately, but are included in the total motor gasoline stock figure. Stocks of unblended oxygenates (such as MTBE and ethanol) are not included in this report. Oxygenates are reflected in the API numbers only to the extent they have been blended into finished product. The API publishes a separate weekly report on production and inventories of oxygenates on Thursdays.

NOTE ON CRUDE OIL PRODUCTION

Estimates of monthly crude oil production (including lease condensate production) are made by API the first week of the month. These estimates are generally held constant throughout the month, but may be revised at a subsequent date as more current information is received.

NOTE ON IMPORTS

Imports of crude oil and refined products include crude produced and product refined outside the 50 states and the District of Columbia. Shipments from U.S. territories such as the Virgin Islands and Puerto Rico are considered imports. Also, API classifies all withdrawals from bonded storage as imports. Geographical detail is based on port of entry basis, and timing is considered to be the time a shipment clears customs.

NOTE ON CRUDE STOCKS

Crude oil stocks include stocks on leases, but do not include stocks held in the Strategic Petroleum Reserve.

NOTE ON CRUDE SUPPLY BALANCE

The Crude Supply Balance is the arithmetic difference (in MB/D) between those factors that make up crude supply (i.e. domestic production plus imports plus stock draws) and those that make up crude demand (i.e. crude runs plus exports plus crude used directly plus crude losses). A negative volume, for example indicates a supply greater than disposition, while a positive volume indicates the opposite.

NOTES ON GEOGRAPHICAL DETAIL.

Petroleum Administration for Defense (PAD) districts provide the most oft-cited basis for regional supply and disposition statistics. Generally speaking, District 1 includes the East Coast states, District 2 the Midwest, District 3 the Gulf Coast (including Texas and New Mexico), District 4 the Rocky Mountain states, and District 5 the West Coast (including Alaska and Hawaii). More specific information on which states are included in which PAD districts is available from DOE or API.

API publishes refinery inputs and production data at a sub-PAD level for Districts 1, 2, and 3. The composition of these sub-Districts are easily determined by their titles. For product inventories and imports, API publishes data at a sub-PAD level for District 1 (which is different from the District 1 breakdown provided for refinery activities). For the purposes of inventories and imports, District 1 is dissected into the following three areas:

1)	New England	ME, NH, VT, MA, RI, and CT
2)	Central Atlantic	NY, NJ, PA, DE, MD, and DC
3)	Lower Atlantic	VA, WV, NC, SC, GA, and FL